

IN THE ABSTRACT

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substitute therefor the enclosed New Abstract.

NEW ABSTRACT

A recordable optical record carrier includes an information layer of a recording material for forming marks and lands representing information, a substrate layer carrying the information layer and a cover layer covering the information layer. The substrate layer has a radially evolving groove structure filled with recording material. In order to obtain a record carrier having an increased data density in the tangential direction, and thus having an increased data capacity, the groove structure includes a main groove divided into two neighboring sub-grooves separated by a barrier.